JAP3 Rec'd PST/PTO 29 MAR 2008

ATTORNEYS DOCKET NO: 060247

' U.	S. DEPARTMENT OF COMMERC	DATE: March 29, 2006									
TRAN	ISMITTAL LETTER TO THE UNI (DO/EO/US) CONCERNIN	U. 10 7 11 11 18 18 8									
	ATIONAL APPLICATION NO.: 2005/001460	INTERNATIONAL FILING DATE: February 2, 2005	PRIORITY DATE CLAIMED: February 27, 2004								
TITLE OF INVENTION: OPTICAL FUNCTIONAL WAVEGUIDE, OPTICAL MODULATOR, ARRAYED WAVEGUIDE GRATING, AND DISPERSION COMPENSATION CIRCUIT											
APPLICANT(S) FOR DO/EO/US: Hiroyuki TSUDA											
Applicar	Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. XX	1. XX This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.										
2	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3. <u>xx</u>	This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).										
4	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest caimed priority date.										
5. <u>xx</u>	A copy of the International Application as filed (35 U.S.C. 371(c)(2)):										
	 a. XX is transmitted herewith (required only if not transmitted by the International Bureau). b has been transmitted by the International Bureau. c is not required, as the application was filed in the United States Receiving Office (RO/US) 										
6. <u>xx</u>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).										
7. xx	Amendments to the daims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))										
	 a are transmitted herewith (required only if not transmitted by the International Bureau). b have been transmitted by the International Bureau. c have not been made; however, the time limit for making such amendments has NOT expired. d. XX have not been made and will not be made. 										
8	A translation of the amendments to the daims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9	An oath or dedaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10	0 A translation of the annexes to the International Preliminary Examination Report under PCT Artide 36 (35 U.S.C. 371(c)(5)).										
ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:											
11 An Information Disdosure Statement under 37 CFR 1.97 and 1.98.											
a. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is induded. XX b. ASSIGNEE(s) NAME(s) AND ADDRESS_KEIO UNIVERSITY, Tokyo, Japan Please publish the assignee data with the application.											
13. XX A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment											
14	4 A substitute specification.										
15	15 A change of power of attorney and/or address letter.										
16. XX	6. XX Other items or information: 15 sheets of drawings										

IAP20 REC'0 FOTFTO 29 MAR 2006 ATTORNEYS DOCKET NO:060247

U.S. APPLICATION: NO. 3 8 8 INTERNATIONAL APPLICATION NO. PCT/JP2005/001460					DATE: March 29, 2006			
17. X The following fees are submitted:							CALCULATIONS	PTO USE ONLY
Basic Nationa	al Fee (37 CFR 1	492(a)	300.00	\$300.00				
Search Fee	all other situation	ıs	500.00	\$500.00				
National Stage Search Fee - U.S. wasthe ISA								
National Stage Search Fee - search report prepared and provided to USPTO								
Examination Fee - all other situations							\$200.00	
National Stage Examination Fee - U.S. was IPEA and, all claims satisfy PCT Article 33(1)-(4)								
ENTER APPROPRIATE BASIC FEE AMO							\$1000.00	
Additional sequence listin								
Total Sheets	Extra sheets		Number of each additional 50 or fraction R thereof (round up to a whole number)					
44 - 100 =	/ 50 =		x \$2					
Surcharge of \$	130.00 for furnis	shing th	e oath or dedaration late	r than 20		\$ 130	.00	
			ed priority date (37 DVR 1					
CLAIMS	NUMBER F	NUMBER FILED NUMBER EXTRA		RATE				
TOTAL	TOTAL 9 -20 =		X \$ 50.00)			
INDEPENDENT 1-3 =			X \$ 200.00					
Multiple deper	Multiple dependent daims(s) (if applicable) + \$360.00							
			TOTAL OF ABOVE	CALCULATIO	NS =	\$1130	0.00	
Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28)								
SUBTOTAL =							0.00	
Processing fee	of \$130.00 for the earliest	furnishir t daime						
TOTAL NATIONAL FEE =							0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR								
3.28, 3.31). \$40.00 per property +								
TOTAL FEES ENCLOSED =						\$1130.00		
						Amount to be:		\$
							charged	\$
							Cilaigeu	

IAP20 Rec'd Control Attorney Stocketono: 060247

INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. DATE: PCT/JP2005/001460 March 29, 2006 (if kgown) a - a. XX A check in the amount of \$ 1130.00 to cover the above fees is enclosed. (This paper is filed in triplicate) Please charge my Deposit Account No. 01-2340 in the amount of \$___ to cover the above fees. (A duplicate copy of this sheet is enclosed.) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any c. <u>XX</u> overpayment to Deposit Account No. 01-2340. Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) NOTE: or (b)) must be filed to request that the application be restored to pending status. Send All Correspondence To: Armstrong, Kratz, Quintos, Hanson & Brooks, Suite 1000,1725 K Street, N.W. PATENT TRADEMARK OFFICE Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357 James E, Armstrong, IV Reg. No. 42,266 **Typed or Printed Name** Date: March 29, 2006 Signature

JAM/aoa